

**AMENDMENTS TO THE DRAWINGS**

# 8/ Formal  
Drawings  
4/15/03

In accordance with 37 C.F.R. §1.84 and the "Amendments in a Revised Format Now Permitted" signed January 31, 2003 by Deputy Commissioner Stephen Kunin, Applicants submit the attached replacement drawings for consideration. As stated in more detail below in the Remarks section, the drawings were amended to correct various typographical errors mentioned in the Examiner's objections to the drawings. Applicant submits that these amendments do not add any new matter.

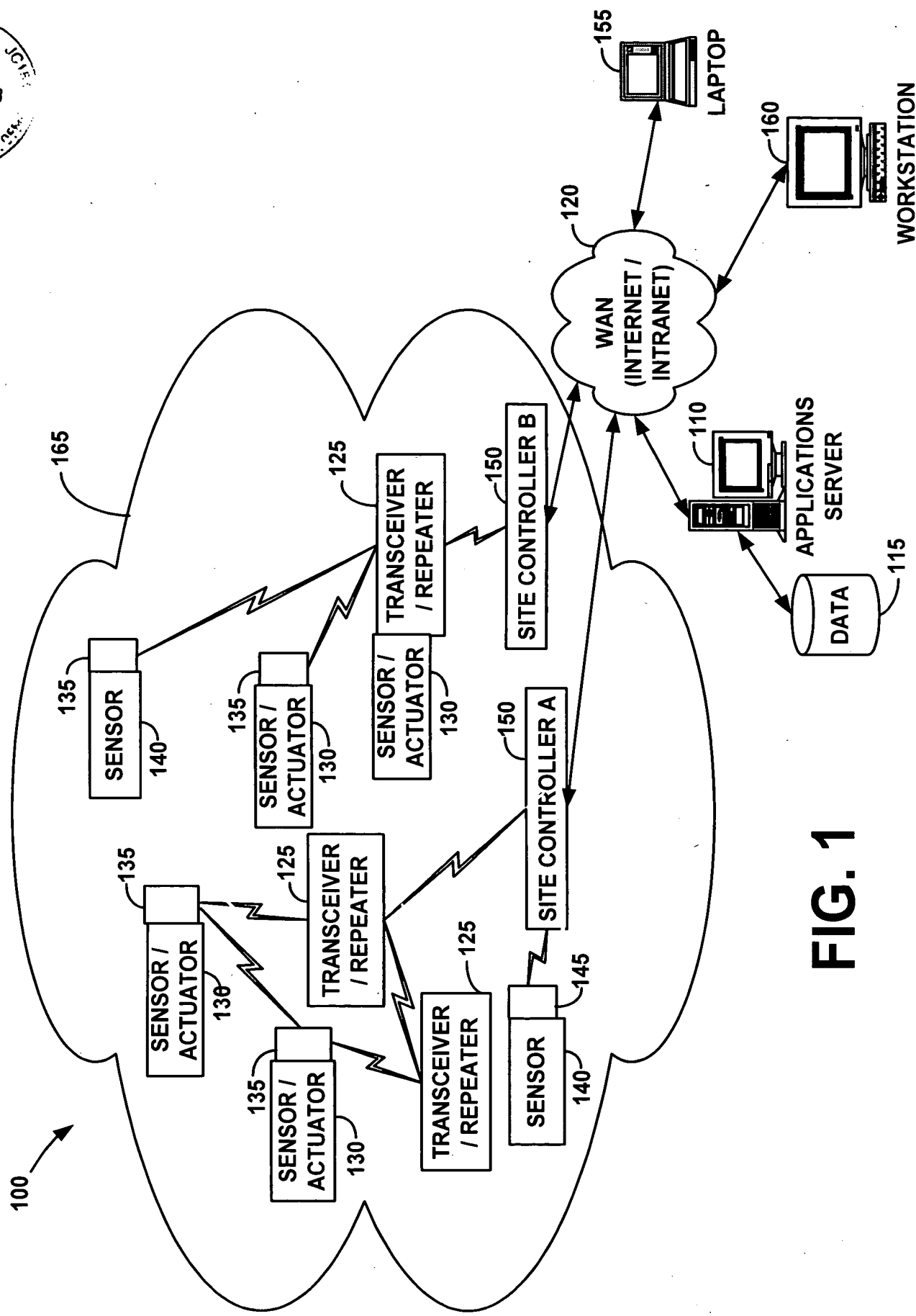
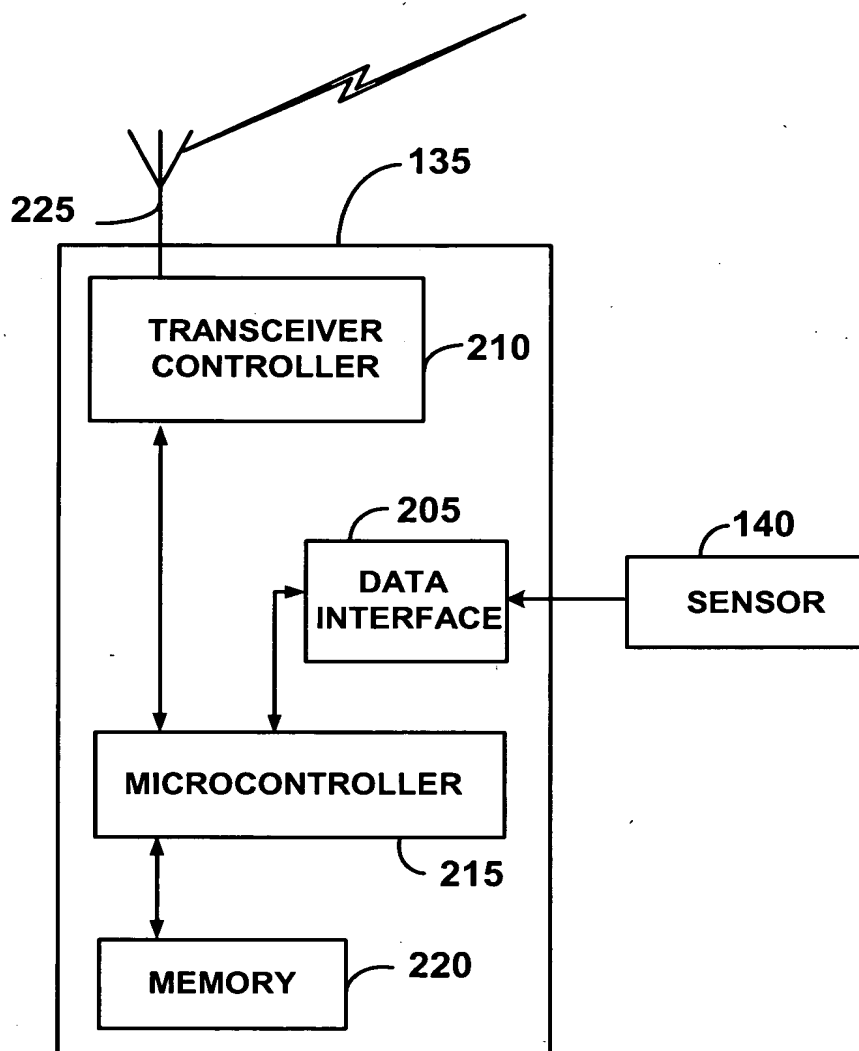
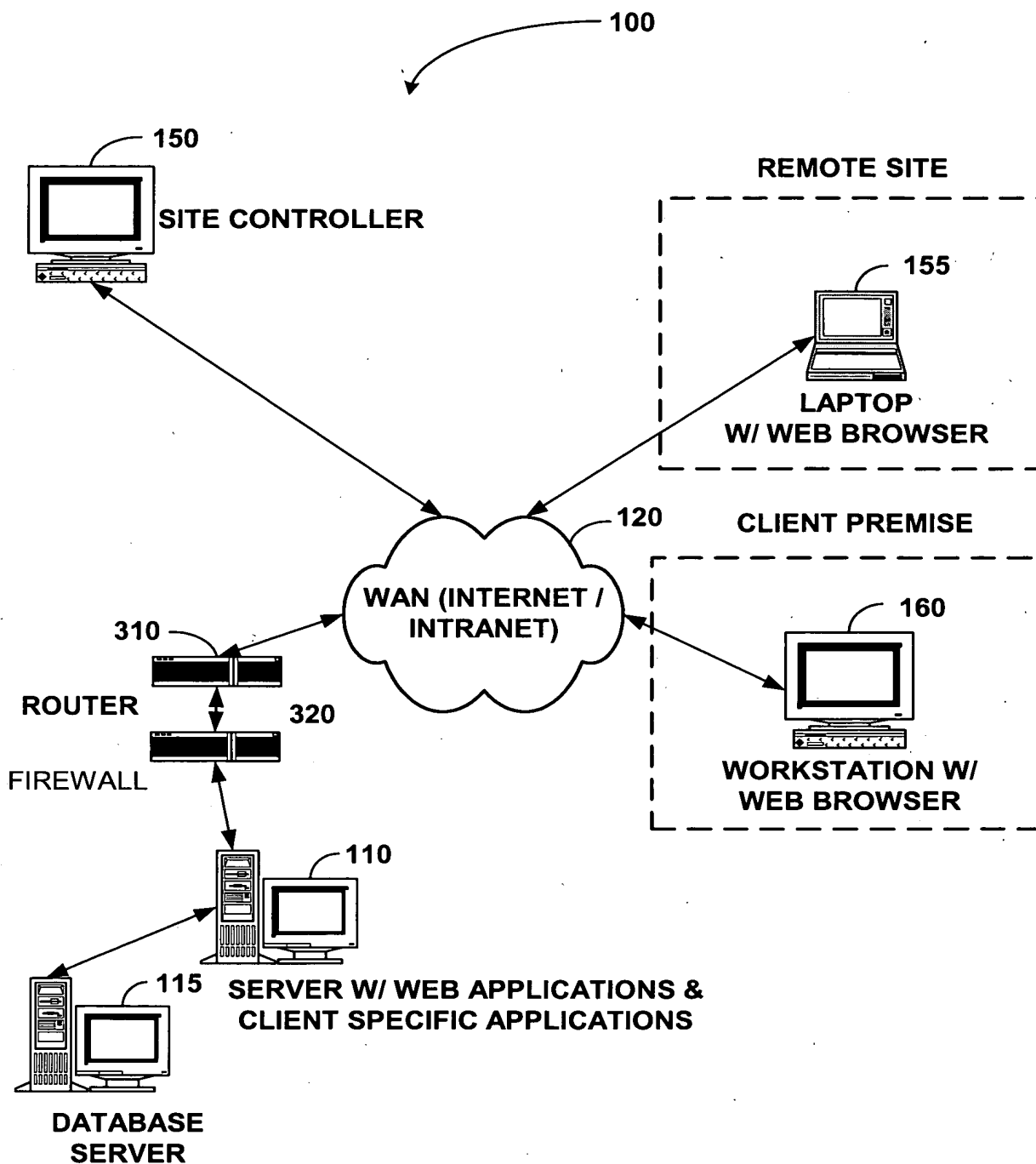


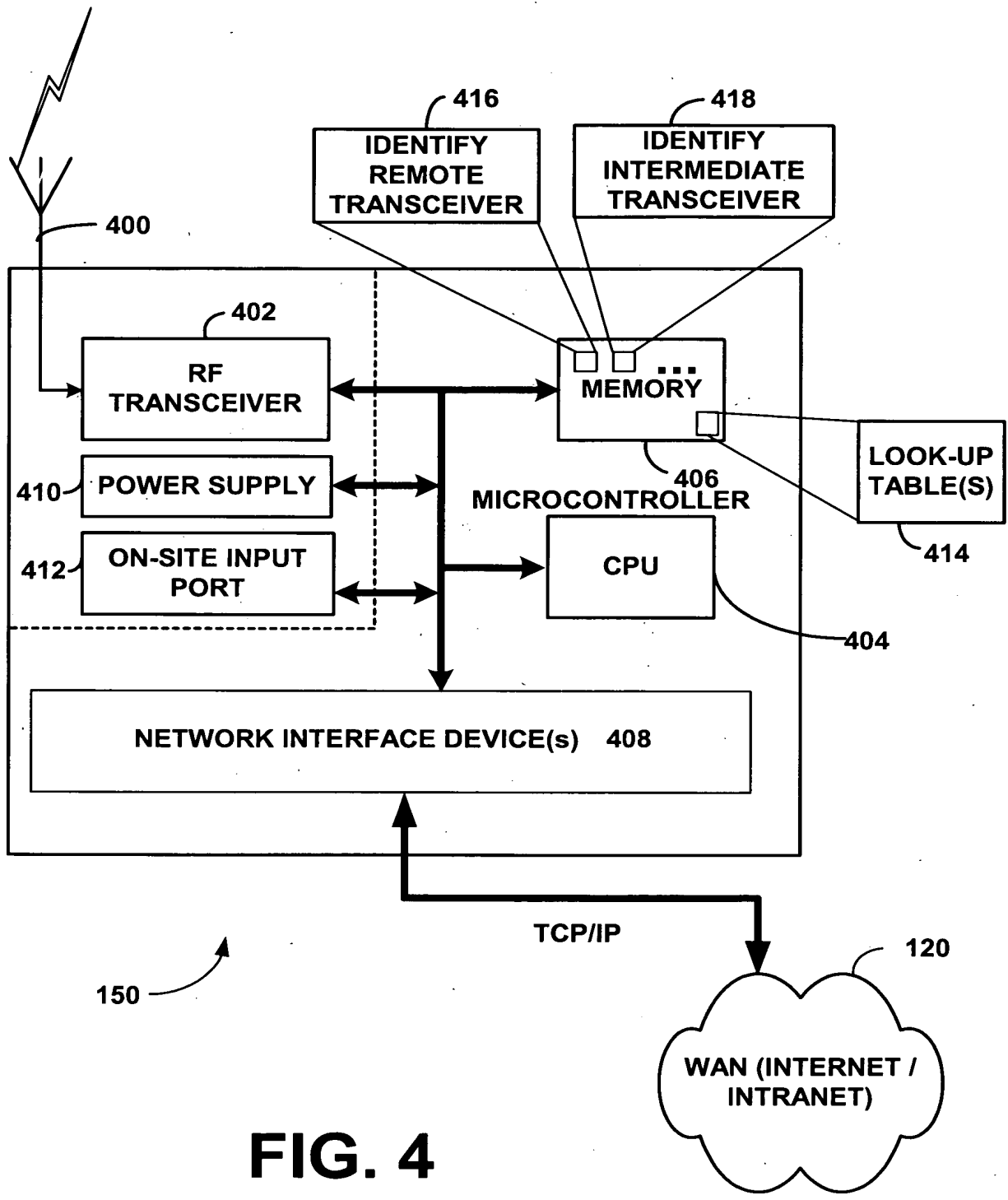
FIG. 1



**FIG. 2**



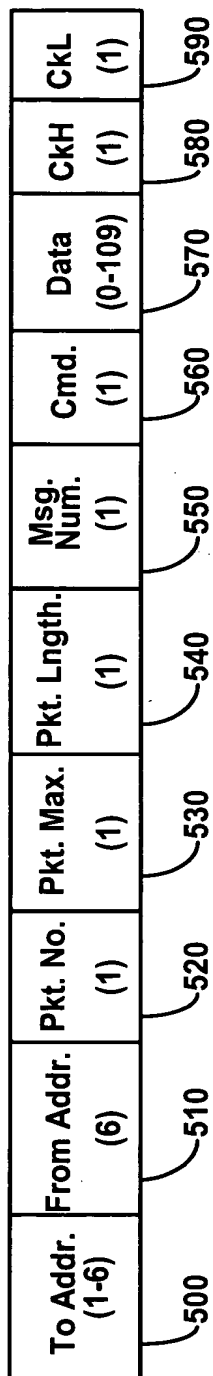
**FIG. 3**



**FIG. 4**



**FIG. 5 Message Structure**





<b><u>"To Address"</u></b>		<b><u>Byte Assignment:</u></b>
<b>MSB - Byte 1</b> <b>Device Type</b>		<b>FF-F0 (16) - Broadcast All Devices (1 Byte Address)</b>
		<b>EF-1F (224) - Device Type Base (2 to 6 Byte Address)</b>
		<b>0F-00 (16) - Personal Transceiver Identification (6 Byte Address)</b>
<b>Byte 2</b> <b>Mfg./Owner</b> <b>ID</b>		<b>FF-F0 (16) - Broadcast all Devices (Byte 1 Type)</b> <b>(2 Byte Broadcast Address)</b>
		<b>EF-00 (240) - Mfg./Owner Code Identification Number</b>
<b>Byte 3</b> <b>Mfg./Owner</b> <b>Extension ID</b>		<b>FF-F0 (16) - Broadcast all Devices (Byte 1 &amp; Byte 2 Type)</b> <b>(3 Byte Broadcast Address)</b>
		<b>EF-00 (240) - Device Type/Mfg./Owner Code ID Number</b>
<b>Byte 4</b>		<b>FF-F0 (16) - Broadcast all Devices (Byte 1 &amp; Byte 2 Type)</b> <b>(4 Byte Broadcast Address)</b>
		<b>EF-00 (240) - ID Number</b>
<b>Byte 5</b>		<b>(FF-00) 256 - Identification Number</b>
<b>Byte 6</b>		<b>(FF-00) 256 - Identification Number</b>

**FIG. 6**



## Sample Messages

Central Server to Personal Transceiver - Broadcast Message - FF (Emergency)

Byte Count = 12

To Addr. (FF)	From Addr. (12345678)	Pkt. No. (00)	Pkt. Max. (00)	Pkt. Lngth. (0C)	Cmd. (FF)	CkH (02)	CkL (9E)
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700

First Transceiver to Repeater (Transceiver)  
Broadcast Message - FF (Emergency)

Byte Count = 17

To Addr. (F0)	From Addr. (12345678)	Pkt. No. (00)	Pkt. Max. (00)	Pkt. Lngth. (11)	Cmd. (FF)		CkH (03)	CkL (A0)
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702

Data  
(A000123456)

Note: Additional Transceiver Re-Broadcasts do not change the message.  
The messages are simply received and re-broadcast.

Message to Device "A0" From Device "E1" Command - "08" (Respond to PING)  
Response will reverse "To" and "From" Addresses

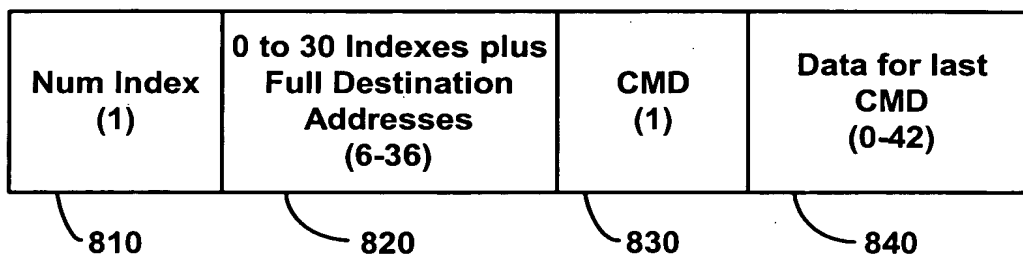
Byte Count = 17

To Addr. (A012345678)	From Addr. (E112345678)	P # (00)	P Max. (00)	P Lngth. (11)	Cmd. (08)	Data (A5)	CkH (04)	CkL (67)
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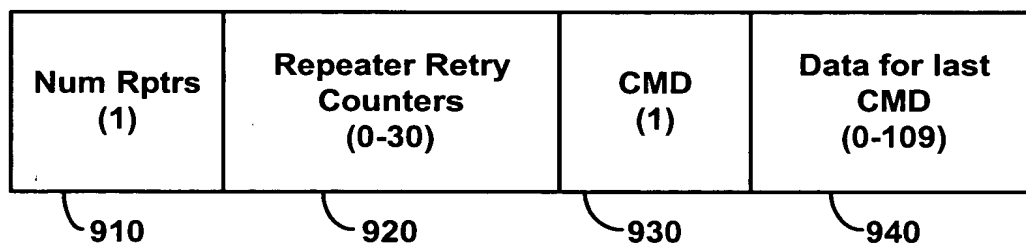
704

# FIG. 7





**FIG. 8**



**FIG. 9**

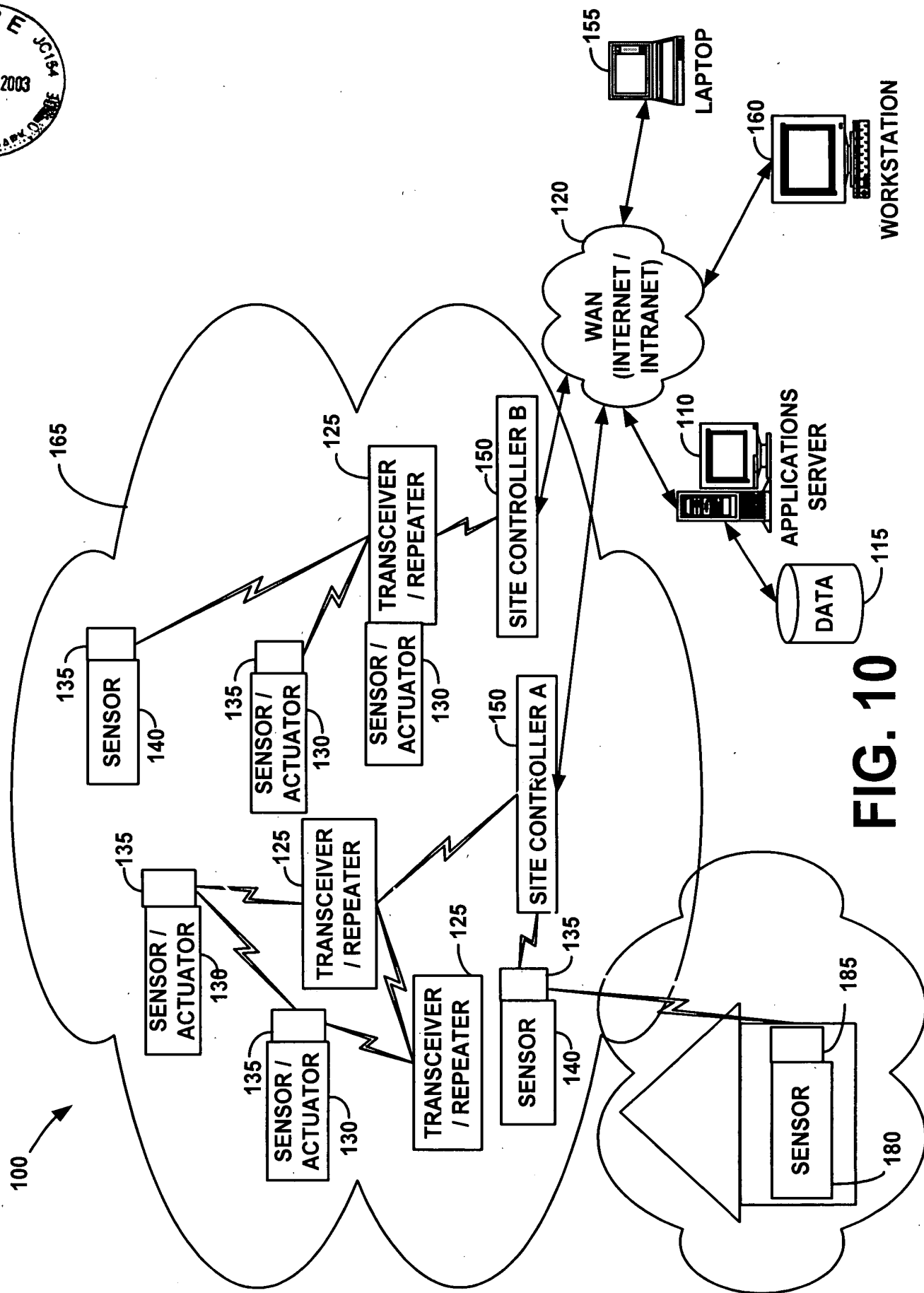


FIG. 10

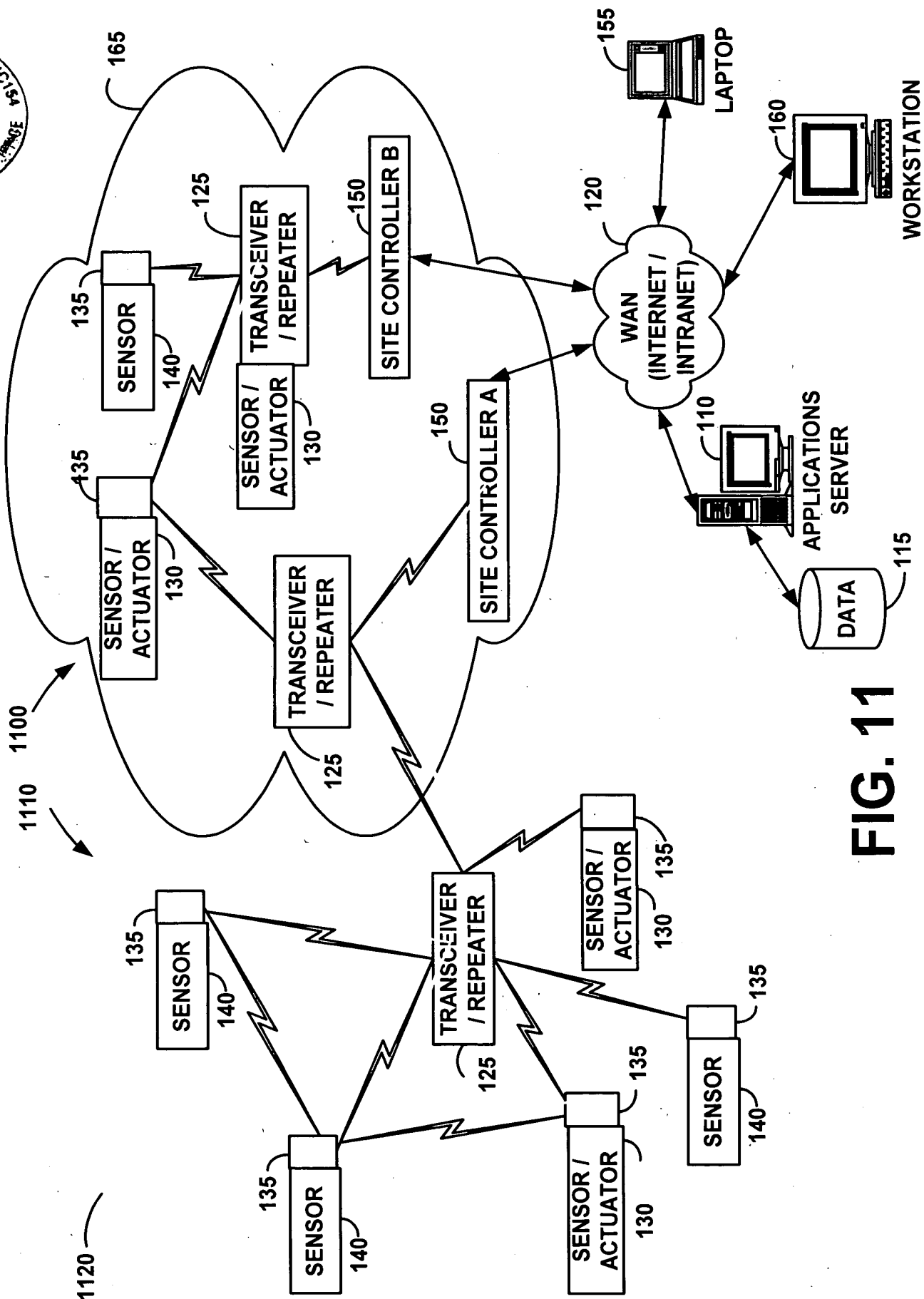


FIG. 11